DHI-VTO6222E-P

2-wire IP Apartment Door Station



- Highly durable and elegant, it is made of aluminum panel， and has a mechanical keypad.
- 2MP HD camera.
- Supports 5,000 users and 10,000 cards.
- Supports multiple unlock methods including password, IC card, and unlocks remotely.
- Connects card readers and controllers through Wiegand.
- Provides 12 VDC, 600 mA power.
- IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- IK08 rated.
- Standard PoE power supply (if the VTO device with 12 V power output needs to charge the load, it should be connected to a PSE switch that complies with the 802.3.at standard).



Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Button Type	Mechanical
Number of Buttons	16

Basic

Screen Type	Non-touchscreen
Display Screen	2.3-inch display screen
Camera	1/2.9" 2 MP CMOS
Field of View	H:140°,V:80°, D:160°
WDR	120 dB
Noise Reduction	3D NR
Video Compression	H264， H265
Video Resolution	Main stream: 720p,WVGA, D1, CIF Sub stream: 1080p,WVGA, D1, QVGA, CIF
Video Frame Rate	25 fps
Light Compensation	Auto white light
Day/Night	Color/B/W
Audio Compression	G.711a, G.711u, PCM
Audio Input	1
Audio Output	Built-in Speaker
Audio Mode	Two-way audio
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 KHz, 16 bit

Function

Communication Mode	Digital 2-wire
Verification Method	Card;Password;Remote
Card Type	IC card
Auto Snapshot	Yes (SD card is inserted in the indoor monitor or door station)
Leave Videos	NA;Yes (SD card is inserted in the indoor monitor or door station)
Storage	Supports Micro SD card (up to 256 GB)
Web Configuration	Yes

RFID

Modulation Type	ASK
Frequency Range	13.56 MHz
Max. Transmission Power	42dBuA/m @10m

Performance

Card Reading Distance	0 cm–3 cm (0"–1.18")
Casing Material	Aluminum

Capacity

Card Capacity	10,000

Port

RS-485	1
Wiegand	1
Alarm Input	1
Alarm Output	1
Power Output	1 port,12 V/600 mA
Door Bell	1
Exit Button	1
Lock Control	1
Network Port	1 × RJ-45 port， 10Mbps/100Mbps network port

Alarm

Tamper Alarm	Yes

General

Appearance Color	Silver
Power Supply	48 VDC, 0.4 A, PoE (802.3af/at)
Power Adapter	Optional
Installation	Flush Mount;Surface Mount
Certifications	CE
Accessory	Flush mount box (optional); Surface mount box (optional)
Product Dimensions	200.0 mm × 98.0 mm × 35.4 mm (7.87" × 3.86" × 1.39") (H × W × D)
Protection	IK08, IP65 (silicone sealant is needed, see the quick start guide)
Operating Temperature	–40 °C to +60 °C (–40 °F to +140°F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Operating Altitude	Beneath 3000 m (9842.52 ft)
Power Consumption	≤ 5 W (standby), ≤ 7 W (working)
Gross Weight	0.657 kg (1.45 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75%(RH)

Ordering Information

Type	Model	Description
2-wire IP Apartment Door Station	DHI-VTO6222E-P	2-wire IP Apartment Door Station
Accessories (Optional)	DHI-VTNS1001B-2	2-Wire IP Switch
	DHI-VTNS2003B-2	2-Wire IP Switch
	VTM116-01	Flush Mounted Box
	VTM117	Surface Mounted Box

Accessories

Optional:



DHI-VTNS1001B-2
2-Wire IP Switch



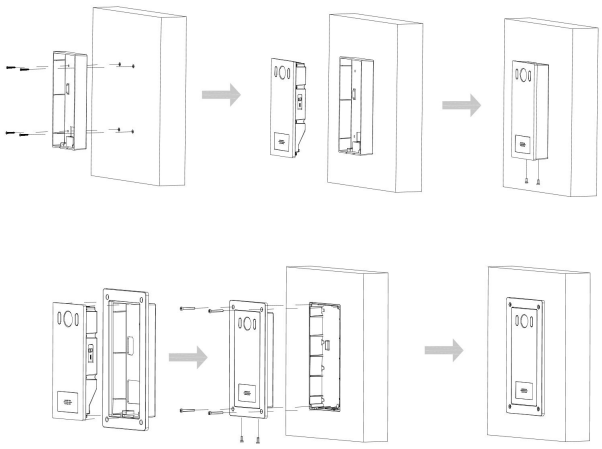
DHI-VTNS2003B-2
2-Wire IP Switch



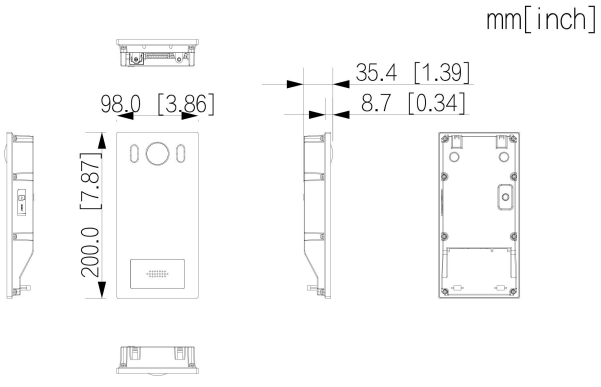
VTM116-01
Flush Mounted Box



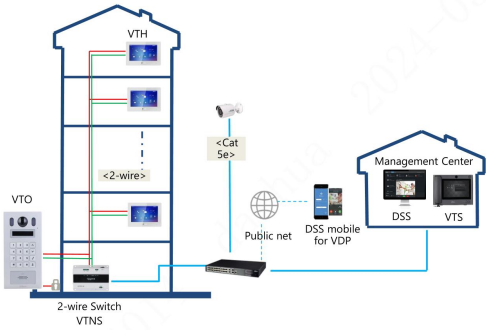
VTM117
Surface Mounted Box



Dimensions (mm[inch])



Application



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